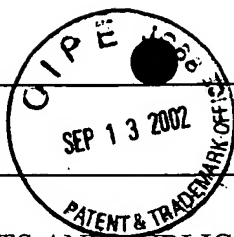


FORM PTO-1449

Atty. Docket No.:
1100.1144101(H0002091)Serial No.:
10/052,953LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant: Darren D. Cofer et al

Filing Date:

Group Art:

January 12, 2002

2878

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate
ML	4,923,066	05/08/90	Ophir et al	
	5,359,363	10/25/94	Kuban et al	
	5,402,168	03/28/95	Fouilloy	
	5,418,567	05/23/95	Boers et al	
	5,448,320	09/05/95	Sakai et al	
	5,477,212	12/19/95	Rumpel	
	5,573,006	11/12/96	Shimotani et al	
	5,627,616	05/06/97	Sergeant et al	
	5,649,255	07/15/97	Schieltz	
	5,677,535	10/14/97	Stephan	
	5,691,765	11/25/97	Schieltz et al	
	5,731,832	03/24/98	Ng, H.	
	5,745,170	04/28/98	Palmer	
	5,752,100	05/12/98	Schrock	
	5,790,910	08/04/98	Haskin	
	5,793,900	08/11/98	Nourbakhsh et al	
	5,795,306	08/19/98	Shimotani et al	
	5,801,770	09/01/98	Paff et al	
	5,818,519	10/06/98	Wren	
	5,835,613	11/10/98	Breed et al	
	5,845,000	12/01/98	Breed et al	
	5,852,754	12/22/98	Schneider	
	5,870,135	02/09/99	Glatt et al	
	5,878,156	03/02/99	Okumura	

EXAMINER:

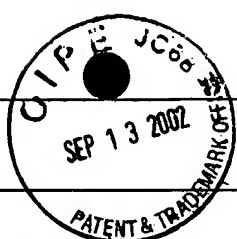
Nadine Long

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

Atty. Docket No.:
1100.1144101(H0002091)Serial No.:
10/052,953LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant: Darren D. Cofer et al

Filing Date:

Group Art:

January 12, 2002

2878

Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate
MA	5,953,055	09/14/99	Huang et al	
	6,035,067	03/07/00	Ponticos	
	Des. 347,442	05/31/94	Falconer	
	Des. 349,713	08/16/94	Hasegawa	
	Des. 349,714	08/16/94	Hasegawa	
	Des. 349,911	08/23/94	Shimizu et al	
	Des. 349,913	08/23/94	Morris	
	Des. 354,973	01/31/95	Hisatune et al	
	Des. 365,834	01/02/96	Dozier	
	Des. 378,095	02/18/97	Hasegawa	
	Des. 399,517	10/13/98	Hasegawa	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No
MA	EP 0631430 A2	06/22/94	EP	
	EP 0468839 B1	09/06/95	EP	
	EP 0484076 B1	12/18/96	EP	
	EP 0491121 B1	02/28/96	EP	
	EP 0519379 B1	09/04/96	EP	
	EP 0529317 B1	12/18/96	EP	
	EP 0554197 B1	10/09/96	EP	
	EP 0575220 B1	03/04/98	EP	
	EP 0585033 B1	01/14/98	EP	
	EP 0610863 A1	08/17/94	EP	

EXAMINER:

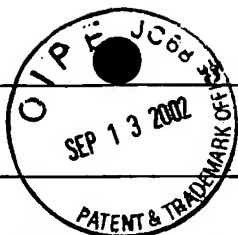
Mabelle Gayley

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

Atty. Docket No.:
1100.1144101(H0002091)Serial No.:
10/052,953LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant: Darren D. Cofer et al

Filing Date:

Group Art:

January 12, 2002

2878

Examiner Initial	Document No.	Date	Country	Translation Yes No
NH	EP 0632858 B1	08/12/98	EP	
	EP 0654684 A2	05/24/95	EP	
	EP 0691632 A1	01/10/96	EP	
	EP 0691632 B1	10/21/98	EP	
	EP 0772169 A2	05/07/97	EP	
	EP 0774730 A2	05/21/97	EP	
	EP 0800152 A1	10/08/97	EP	
	EP 0810791 A2	12/03/97	EP	
	EP 1168269 A2	01/02/2002	EP	
	JP 07056219	08/10/93	JP	Abstract
	JP 07104362	10/01/93	JP	Abstract
	JP 07159892	12/08/93	JP	Abstract
	JP 07175128	12/20/93	JP	Abstract
	JP 07191390	12/27/93	JP	Abstract
	JP 07222039	01/31/94	JP	Abstract
	JP 07255004	03/14/94	JP	Abstract
	JP 07281276	04/04/94	JP	Abstract
	JP 08076213	09/07/94	JP	Abstract
	JP 08140941	11/25/94	JP	Abstract
	JP 09083999	09/20/95	JP	Abstract
	JP 09193078	01/22/96	JP	Abstract
	JP 10031256	07/16/96	JP	Abstract
	JP 10042231	07/19/96	JP	Abstract
	WO 84/03784	09/27/84	PCT	
	WO 97/01246	01/09/97	PCT	

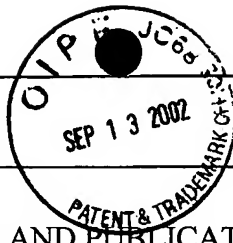
EXAMINER:

Madelise Gonzales

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	Atty. Docket No.: 1100.1144101(H0002091)	Serial No.: 10/052,953
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Darren D. Cofer et al	
	Filing Date:	Group Art:
	January 12, 2002	2878

Examiner Initial	Document No.	Date	Country	Translation Yes No
<i>MM</i>	WO 97/05741	02/13/97	PCT	
	WO 97/05744	02/13/97	PCT	
	WO 97/12278	04/03/97	PCT	
	WO 98/18026	04/30/98	PCT	
	WO 98/46116	10/22/98	PCT	
	WO 98/47025	10/22/98	PCT	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>MM</i>	Tran, Lee, Zhang, Lo, "Ultrafine Motion Detection of Micromechanical Structures Using Optical Moire Patterns," IEEE Photonics Technology Letter, Vol. 8, No. 8, pages 1058-1060, August 1996.
	Chang-Hua Hu and Yu-Wen Qin, "Digital color encoding and its application to the moire technique," Applied Optics, Vol 36, No. 16, pages 3682-3685, June 1, 1997.
	Krumm, et al., "Sampled-grating and crossed-grating models of moiré patterns from digital imaging", Optical Engineering, Vol. 30, No. 2, pages 195-206, February 1991.
	Voloshin and Tsao, "Effect of Geometry on the Strain in Electronic Packages," Proceedings Microelectronics Education For the Future, Ninth Biennial University/Government/Industry Microelectronics Symposium, pages 246-251, Melbourne, Florida, June 12-14, 1991.
	Kunihiko Mori, et al., "Fringe pattern analysis using hybrid image processing", Applied Optics, Vol. 29, No. 11, pages 1646-1817, April 10, 1990.
	Qifeng Yu, et al., "Digital pure shear-strain moiré patterns", Applied Optics, vol. 31, No. 11, pages 1813-1817, April 10, 1992.
	Setiawan Hadi, "Circular Moire Patterns In 3D Vision Applications", A Thesis Submitted In Partial Fulfillment of the Requirements for the Degree of Master of Computer Science in the Faculty of Computer Science, The University of New Brunswick, May 1996.
	Xiangdong Liu, "Analysis and Reduction of Moire Patterns in Scanned Halftone Pictures", Dissertation submitted to the faculty of Virginia Polytechnic Institute and State University, Blacksburg, Virginia, May 1996.
	M. Vertregt, et al., "FA 7.4 A 0.4W Mixed-Signal Digital Storage Oscilloscope Processor with Moire Prevention, Embedded 393kb RAM and 50MSample/s 8b ADC", IEEE International Solid-State Circuits Conference, pages 114-115, 1998.

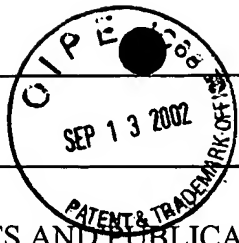
EXAMINER:

Madeline Loyola

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	Atty. Docket No.: 1100.1144101(H0002091)	Serial No.: 10/052,953
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Darren D. Cofer et al	
	Filing Date:	Group Art:
	January 12, 2002	2878

NA	A.M. Loske, et al., "Two-dimensional spatial correlator for lens-free image processing", Optik, 103, No. 2, pages 59-65, 1996.
	R.Rodriguez-Vera, "Three-dimensional gauging by electronic moiré contouring", Revista Mexicana de Fisica 40, No. 3, pages 447-458, 1994.
	M.R. Sajan, et al., "TDI imaging and scanning moiré for online defect detection", Optics & Laser Technology, Vol. 29, No. 6, pages 327-331, 1997.
	A.J. Moran et al., "Automatic digitization and analysis of moiré topograms on a personal computer for clinical use", Med. Eng. Phys., Vol. 16, pages 259-264, May 1994.
	Y. Morimoto et al., "Strain analysis by mismatch moiré method and grid method using Fourier transform", Computational Mechanics (1990) 6, pages 1-10.
	William M. Rosenblum et al., "Computerized Moire Analysis of Progressive Addition Lenses", Optometry and Vision Science, Vol. 69, No. 12, pages 936-940, 1992.
	Yu Qifeng et al., "A New Method For Constructing Digital-Strain-Field-Images From Moire Patterns", Chinese Journal of Aeronautics, Vol. 3, No. 1, pages 16-22, February 1990.
	M. Batouche, "A Knowledge Based System for diagnosing spinal deformations: Moire Pattern Analysis and Interpretation", 11th IAPR International Conference on Pattern Recognition, pages 591-594, The Hague, The Netherlands, August 30-September 3, 1992.
	A. Asundi et al., "Digital moiré for measurements on cylindrical objects", J. Opt. 29 (1998), pages 128-134.
	J. Fang, "Optical modulation and digital demodulation of an in-plane moiré carrier", Optics & Laser Technology, Vol. 23, No. 6, pages 349-352, 1991.
	J. Campos et al., "Moire Interferometry With Pseudo-Random Screens", SPIE Vol. 1983 Optics as a Key to High Technology, pages 724-725, (1993).
	Tu Jinhong et al., "Temperature Mapping by Double Grating diffraction System with Microcomputer Image Process", SPIE Vol. 1230 International Conference on Optoelectronic Science and Engineering '90, pages 196-198.
	Rong-Seng Chang et al., "Analysis of CCD moiré pattern with the wavelet transform", Part of the SPIE Conference on Wavelet Applications VI, Orlando, Florida, April 1999, pages 420-428, SPIE Vol. 3723 0277-786X/99.
	M. Bruynooghe et al., "Fast algorithms for automatic moiré fringe analysis. Application to non-contact measurements for quality control of industrial components", SPIE Vol. 2786, 0-8194-2172-3/96, pages 54-67.
	Harry S. Gallarda et al., "3-D Gradient and Curvature Measurement Using Local Image Information", SPIE Vol. 1194 Optics, Illumination, and Image Sensing for Machine Vision IV (1989), pages 198-208.

EXAMINER: Madeleine Longley | DATE CONSIDERED: 6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	Atty. Docket No.: 1100.1144101(H0002091)	Serial No.: 10/052,953
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Darren D. Cofer et al	
	Filing Date:	Group Art:
	January 12, 2002	2878

NA	Angela Jianu et al., "Talbot-moire deflectometry with direct spatial reconstruction of optical phase", SPIE Vol. 3405 0277-786X/98, pages 517-521.
	Lori L. Barski et al., "Characterization, detection and suppression of stationary grids in digital projection radiography imagery", Part of the SPIE Conference on Image Display, San Diego, California, February 1999, SPIE Vol. 3658 0277-786X/99.
	Asundi, et al., "Digital Moire applications in Automated Inspection", SPIE Vol. 2347, pages 270-275, 0-8194-1682-7/94.
	Blanco et al., "Study of Plate Vibrations by Moire Holography", SPIE Vo. 1508, Industrial Applications of Holographic and Speckle measuring Techniques, pages 180-190, 1991.
	Gazzero et al., "Restoration of Images Transmitted Through Coherent Fiber Bundles", SPIE Vol. 12332, Medical Imaging IV: Image Capture and Display, pages 20-25, 1990.
	Bruynooghe, et al., "Real-time digital/optical system for quality control by moiré image processing", SPIE Vol. 3208, pages 445-454, 0277-786X/97.
	Rastogi et al., "Parallel Image Processing Software on Anupam", Computer Division, BARC, Trombay, Bombay-400085, pages 173-178.
	Nakamura et al., "High Quality Image Processing Method using Moire Suppression and Edge Enhancement Filtering, pages 445-450.
	The Japan Machinery Federation, "Development for the International Standards in the field of Safety Machinery -- A vision-based protective device (VBPD)," The Japanese National Committee for IEC/TC44, 36 pages, October 1, 2001.
	Aach, T., et al., "Statistical Model-Based Change Detection in Moving Video," Signal Processing, Vol. 31, No. 2, pages 165-180, March 1993.
	Weszka, J.S., "SURVEY: A Survey of Threshold Selection Techniques," Computer Graphics and Image Processing 7, Vol. 7, No. 2, pages 259-265, April 1978.
	Ostermann, J., "Modeling of 3D Moving Objects For An Analysis-Synthesis Coder," SPIE-SPSE: Symposium on Sensing and Reconstruction of 3D Objects and Scenes, Proc. SPIE 1260, pages 240-249, Santa Clara, CA., Feb. 1990.
	Xiong, W., et al., "Efficient Scene Change Detection and Camera Motion Annotation, for Video Classification," Computer Vision and Image Understanding, Vol. 71, No. 2, pages 166-181, August 1998.
	Skifstad, K., et al., "Illumination Independent Change Detection for Real World Image Sequences," Computer Vision, Graphics, and Image Processing, Vol., 46, No. 3, pages 387-399, June 1989.
	Vekatsheh, S., "Dynamic Threshold Determination by Local and Global Edge Evaluation," Graphical Models and Image Processing, Vol. 57, No. 2, pages 146-160, March 1995.
	Ostermann, J., "Segmentation of Image Areas Changed Due to Object Motion Considering Shadows," Multimedia Communications and Video Coding, pages 241-246, Y. Wang, Ed., New York: Plenum, 1996.
	Stauder, J., "Segmentation of Moving Objects in Presence of Moving Shadows: Proc. Int. Workshop on Coding Techniques for Very Low Bit Rate Video, Linköping, Sweden, July 28-30, 1997, pages 41-44

EXAMINER:

Madelin Gonzales

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

SEP 13 2002

PATENT & TRADEMARK OFFICE

Atty. Docket No.:
1100.1144101(H0002091)

Serial No.:
10/052,953

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant: Darren D. Cofer et al

Filing Date:

January 12, 2002

Group Art:

2878

NA		Hotter, M., et al., "Image Segmentation Based on Object Oriented Mapping Parameter Estimation", Signal Processing, Vol. 15, No. 3, pages 315-334, October 1988.
		U.S. Patent Application Serial No. 09/716,002, filed November 17, 2000, entitled, "Object Detection."
		U.S. Provisional Patent Application Serial No. 60/275,879, filed March 14, 2001, entitled, "Safety Camera."


EXAMINER:

Madeleine H. H. H.

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		Atty. Docket No.: 1100.1144101(H0002091)	Serial No.: 10/052,953
		Applicant: Darren D. Cofer et al	
		Filing Date: January 12, 2002	Group Art: 2878

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No
MA	WO 98/47117	10/22/98	PCT	
MA	DE 19809210	9/16/99	DE	Yes

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MA	Maki M.C, et al., "New Options an Using Infrared for Detection, Assessment and Surveillance", Security Technology, 1996, 30th Annual 1996 International Carnahan Conference, Lexington, KY, October 2-4, 1996, New York, NY, IEEE October 2, 1996, pages 12-18.
----	---

EXAMINER:

Madelise Goyette

DATE CONSIDERED:

6/2/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.